

MITCHELL-RAND

Rubberseal Copper



SPECIFICATIONS AND DETAILS DESCRIBING
THE USES OF RUBBERSEAL COPPER

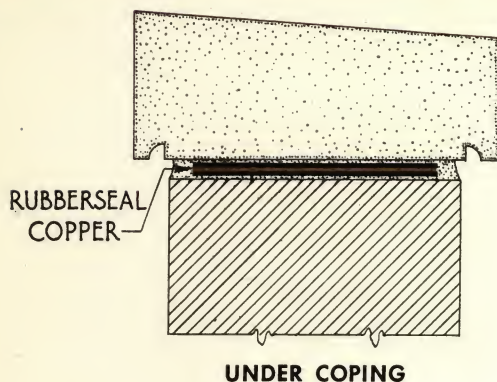
MITCHELL RAND MFG CORP

51 MURRAY STREET

NEW YORK 7, N. Y.

RUBBERSEAL CO

Economical Waterproofing

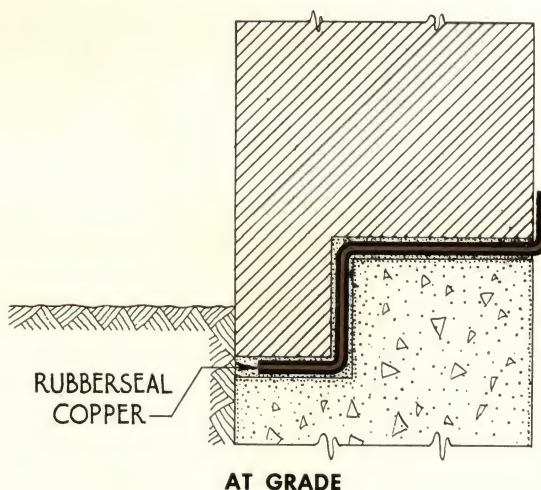
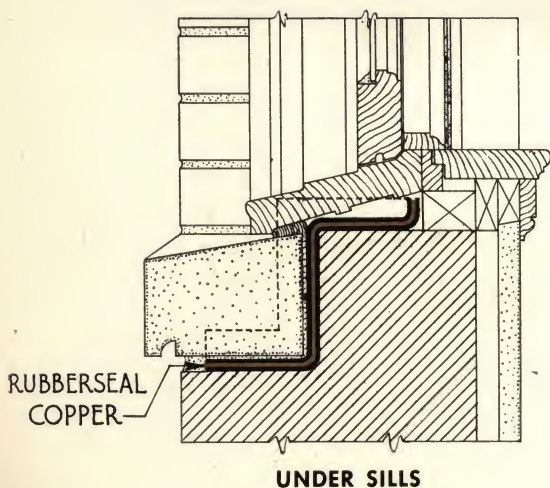
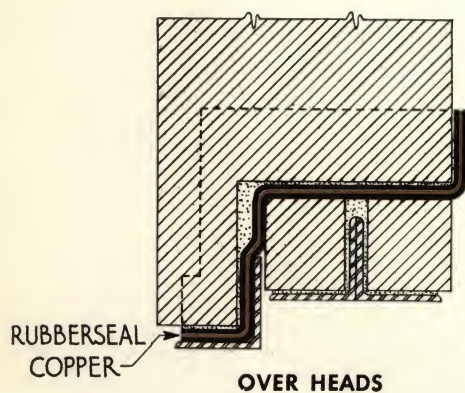


Mitchell-Rand Rubberseal Copper is composed of a central layer of Anaconda "Electro-Sheet" Copper in weights of 2, 3, 5 and 7 ounces per square foot, heavily coated on both sides with tightly adherent Rubberseal Compound.

What is RUBBERSEAL COMPOUND?

RUBBERSEAL is a tough, rubbery, elastic bituminous compound. It does not contain rubber in any form, but is composed of high grade asphalts of varying melting points, plus other vital ingredients. Rubberseal Compound is unique among asphalt compounds in its combination of flexibility with firmness at normal installation temperatures. At freezing it is scarcely less flexible than at room temperature; and in the hottest summer sun it does not "run".

Rubberseal Compound is further unique among asphalt compounds in its ability to withstand acids and alkalis. Furthermore, it has no corrosive elements of its own. It may be placed in contact with any metal without fear of electrolytic action.

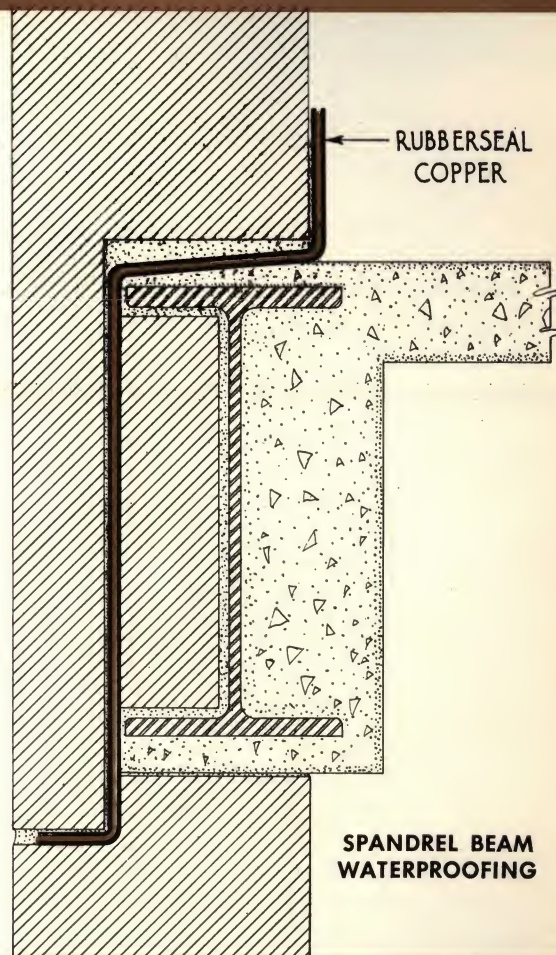


PPER for Permanent, *from Cellar to Roof*

Another important feature of Rubberseal Compound is a self-sealing tendency which is not affected by age. When punctured, the surface of the compound tends to close in on itself. This action is independent of heat and pressure. At higher temperatures, of course, the self-sealing action is accelerated and no artificial aid is required. At lower temperatures the speed of sealing may be increased by application of cold adhesives. This self-sealing tendency is positive assurance against pin holes — real protection against leaks.

. . .

RUBBERSEAL COPPER, because of its low cost, durability and extreme flexibility, is thus ideal for various flashing purposes. The non-corrosive, elastic Rubberseal Compound—covering both sides of the copper—affords a natural bond where aggregate touches, plus chemical and physical protection to the metal itself. The copper provides additional strength and toughness, and sufficient “body” for efficient workability. 8,000,000 square feet have been installed without a single report of wall slippage.



SUGGESTED SPECIFICATIONS

I. MATERIAL: Shall be Mitchell-Rand Rubberseal Copper of the weight designated (two ounce, three ounce, five ounce, or seven ounce. These weights being understood to refer to the weight per square foot of uncoated copper.)

II. PREPARATION OF SURFACES: All surfaces shall be clean and dry before the installation of spandrel waterproofing. The masonry contractor shall provide a smooth cemented bed on top of the spandrel beams pitching out toward the exterior face of the wall.

III. SCOPE: All previously prepared surfaces of all steel spandrel beams and lintels in exterior walls above the first floor level and over finished basement areas, shall have the top and outside faces waterproofed with Rubberseal Copper, weight and characteristics as hereinbefore specified.

IV. INSTALLATION: The Rubberseal Copper shall start at least 3 inches back of the interior face of the exterior wall, carried out over the top of the beam and down the face of same to the second course of brick below the bottom flange,

and out to within 1 inch of the exterior face of the wall.

The Rubberseal Copper shall be turned up on the inside face of the exterior wall at least 3 inches.

Where joints are necessary Rubberseal Copper shall be lapped at least 3 inches and cemented with a high grade asphalt mastic.

V. WHERE LINTELS ARE MORE THAN 12 INCHES BELOW THE BOTTOM OF SPANDREL BEAM: At all door and window heads the Rubberseal Copper shall be built into the wall so as to form a pan 3 inches deep running entirely through the wall and 6 inches beyond the jamb on each side of opening.

RECOMMENDED WEIGHTS

2-ounce and 3-ounce for spandrel waterproofing, window head and sill flashings, and cut-off at grade; 5-ounce under copings and for shower pans in Residential Construction; 7-ounce for shower pans in Industrial and Institutional Construction.



USES FOR RUBBERSEAL COPPER

**Spandrel waterproofing • Flashings at copings and parapet walls • Window head and sill pans
Waterproof cut-offs at foundations • One-piece shower pans • Bath and toilet room waterproofing**

These are a few of the nationally known organizations whose buildings are waterproofed with M-R Rubberseal Copper:

American Gas & Electric Co.
American Telephone & Telegraph Co.
Bethlehem Steel Company
Carbide & Carbon Chemical Corp.
Corn Products Refining Co.
E. I. DuPont de Nemours

Ethyl Corporation
Fisher Body Corp.
General Electric Company
Hecker Products Company
Merck & Company

Monsanto Chemicals
Phillip Morris & Co., Ltd.
Seagram Distillers
Sears Roebuck & Co.
Standard Oil Co. of New Jersey

REPRESENTATIVES

Abilene.....	METAL GOODS CORPORATION	141 Cypress Street	Abilene 8983
Atlanta.....	HILL R. HUFFMAN, INC.	60 Fifth Street, N.E.	Atwood 5884
Baton Rouge...	METAL GOODS CORPORATION	1742 Pickett Avenue	Baton Rouge 4-4738
Beaumont.....	METAL GOODS CORPORATION	Box 1229	Beaumont 4-6212
Chicago.....	GEORGE W. CASE	732 N. Kenilworth Ave.	Euclid 5410
Cleveland.....	FRANK H. GRACE & CO.	1740 East 12th Street	Main 2515
Dallas.....	METAL GOODS CORPORATION	6211 Cedar Springs Road	Dixon 4-3925
Denver.....	METAL GOODS CORPORATION	817 - 17th Street	Main 9030
Detroit.....	HUNTER AND COMPANY	2842 West Grand Blvd.	Madison 3395
Houston.....	METAL GOODS CORPORATION	711 Milby Street	Beacon 3-8881
Indianapolis...	TANNER AND COMPANY	409 S. Pennsylvania Street	Lincoln 5471
Kansas City...	METAL GOODS CORPORATION	1300 Burlington	Norclay 3516
New Orleans...	METAL GOODS CORPORATION	432 Julia Street	Canal 7373
Oklahoma City...	METAL GOODS CORPORATION	1228 N.W. 28th Street	Okla. City 4-3009
Omaha.....	METAL GOODS CORPORATION	3515 N. 67th Street	Walnut 1112
Philadelphia...	JAMES L. COFFEY	7435 Elizabeth Road	Majestic 5-0370
St. Louis.....	METAL GOODS CORPORATION	5239 Brown Avenue	Goodfellow 1234
San Antonio...	METAL GOODS CORPORATION	709 Alamo Building	Cathedral 1891
Shreveport....	METAL GOODS CORPORATION	Box 248—Cedar Grove Sta.	Shreveport 7-3582
Tulsa.....	METAL GOODS CORPORATION	302 North Boston	Tulsa 4-1175
Wichita.....	METAL GOODS CORPORATION	618 N. Parkwood Lane	Wichita 6-1184

MITCHELL RAND MFG CORP

51 MURRAY STREET

NEW YORK 7, N. Y.

Digitized by:



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

Carol J. Dyson, AIA